

**R****F**

---

## **ORANGE COUNTY AMATEUR RADIO CLUB**

---

**VOL. XXXVIII NO.3 P.O. BOX 3454, TUSTIN, CA. 92781 MARCH 1997**

---

### **The Prez Sez:**

#### **THE SHOW AND TELL NIGHT**

**The event should be a real barn burner - lets make this a club project.  
( I have asked the Editor to re-submit last month's notice.)**

Our illustrious President would like to have, for need of a better title, a **SHOW AND TELL NIGHT** at the club. The tentative month for this event is May 97. The night will consist of the different aspects of Amateur Radio as depicted by you, the members. You may also have a friend who would be happy to be a part of this night. The participants will **SHOW** their favorite mode of operation, an antenna they have built, a project they have built, a project or equipment they have built for use on or off the air, any aspect of amateur radio, and **TELL** a short talk of what they are showing. All special equipment will be supplied by the presenter. If you, or someone you know, would like to be a part of this evening, please contact Art, AD6B at (714) 997-3735 or email at: [oneoldham@aol.com](mailto:oneoldham@aol.com) or [oneoldham@juno.com](mailto:oneoldham@juno.com). This would be a great evening for all and especially for those would-be hams we know.

#### **RAMBLINGS**

**Volunteers are really needed to man the various sections of the Baker to Los Vegas Challenge Cup Relay Race. This is a three day stint. April 11,12,13th.  
( If you can join the group on minimum time share that would be ok, I think.)  
Please check with Tom(WA6PFA)**

**Also in passing Steve (KE6NAH) has been doing a fantastic job filling in for Bob (KD6BWH) who has been on vacation. News line didn't miss a beat.**

**To our deepest regret the club secretary Jane (KC6TAM) has had to relinquish her duties due to bad health. We all wish her a speedy recovery.**

**MARCH PROGRAM : WAYNE OVERBECK N6NB "NEW FCC RF SAFETY RULES"**

## 1997 Board of Directors

President.....	Frank Smith	WA6VKZ	838-3180
Vice President.....	Art Sheldon	AD6B	997-3735
Secretary.....	Jane Breller	KC6TAM	310-925-9157
Treasurer.....	Ken Konechy	W6HHC	744-0217
Activities.....	Art Dillon	KE6WOX	997-2078
Membership.....	Bob Buss	KD6BWH	534-2995
Public Relations.....	Larry Beilin	K6VDP	557-7217
Tech Committee.....	Larry Hoffman	K6LDC	636-4345
Member at Large.....	Bob Eckweiler	AF6C	639-5074
Member at Large.....	Bob Tegel	KD6XO	531-0926

## CLUB APPOINTMENTS

Club Historian.....	Bob Evans	WB6IXN	543-9111
W6ZE Trustee.....	Bob Eckweiler	AF6C	639-5074
RF Editor.....	Bud Barkhurst	WA6VPP	774-6361
Refreshments			

## DUES

Regular Members     \$15.00     Additional Members     \$7.50 each  
Teenage Members     \$ 6.00     Optional Club Badge     \$5.00 each  
Dues for new members are pro-rated quarterly from January 1st each year. Family members must reside at the address of a regular member. Only one RF is sent per household.

## REMINDER

This will be your last RF - unless of course you have paid your 1997 Dues.

1996 FINANCIAL REPORT  
ORANGE COUNTY AMATEUR RADIO CLUB

ASSETS:	AS OF 31-DEC-95	AS OF 10-JAN-95
CASH BOX	\$0.00	\$0.00
CHECKING ACCOUNT	\$468.73	\$395.80
OUTSTANDING CHECKS	\$0.00	(\$448.99)
OUTSTANDING DEPOSITS	\$0.00	\$149.61
SAVINGS ACCOUNT	\$0.00	\$115.88
RESERVE (RADIO RAFFLE)	\$0.00	\$102.00
<b>TOTAL ASSETS</b>	<b>\$468.73</b>	<b>\$314.30</b>

	1996	1995	PERCENTAGE CHANGE
<b>INCOME:</b>			
DUES, REGULAR	\$609.75	\$210.00	190.4%
DUES, FAMILY	\$48.00	\$0.00	N/A
CHRISTMAS PARTY Income	\$0.00	\$496.00	-100.0%
DONATION Field Day	\$163.00	\$266.00	-38.7%
DONATION (other)	\$0.00	\$3.00	-100.0%
RAFFLE, MONTHLY	\$324.50	\$647.76	-49.9%
RAFFLE, HANDI-RADIO	\$0.00	\$215.00	-100.0%
ARRL Income	\$178.00	\$140.00	27.1%
AUCTION Income	\$1,143.50	\$344.00	232.4%
REFRESHMENTS Income	\$66.69	\$66.60	0.1%
BADGES	\$30.00	\$20.00	50.0%
REFUND	\$7.00 (Trailer registration)	\$0.00	N/A
DECAL SALES	\$4.75	\$0.00	N/A
INTEREST	\$0.00	\$0.93	-100.0%
<b>TOTAL INCOME</b>	<b>\$2,575.19</b>	<b>\$2,409.29</b>	<b>6.9%</b>

AUDIT COMMITTEE APPROVAL

Phil Anderson - N7PA

	1996	1995	PERCENTAGE CHANGE
<b>EXPENSES:</b>			
RAFFLE Exp. (MONTHLY)	\$312.65	\$468.21	-33.2%
RAFFLE Exp. (HAND-HELD)	\$0.00	\$247.77	-100.0%
RF POSTAGE	\$225.92	\$279.54	-19.2%
RF PRINTING	\$44.71	\$21.24	110.5%
INSURANCE	\$561.00 (1996 + 1997)	\$0.00	N/A
ARRL Exp.	\$163.00	\$72.00	126.4%
FIELD DAY FOOD	\$178.00	\$256.38	-30.6%
FIELD DAY TOILETS	\$108.57	\$0.00	N/A
TRAILER REPAIRS	\$202.29	\$47.36	327.1%
BANK SERVICE CHARGES	\$80.16	\$30.00	167.2%
P.O. BOX RENTAL	\$60.00	\$0.00	N/A
CHRISTMAS PARTY Exp.	\$0.00	\$379.48	-100.0%
AUCTION Exp.	\$359.90	\$181.50	98.3%
AWARD PLAQUES	\$109.75 (3 plaques)	\$171.85	-36.1%
WORLD RADIO PURCHASE	\$65.00	\$60.00	8.3%
BADGES Exp.	\$11.97	\$0.00	N/A
SUPPLIES	\$13.00	\$11.57	12.4%
REFRESHMENT Exp.	\$36.78	\$0.00	N/A
Misc	\$0.00	\$28.00	-100.0%
<b>TOTAL EXPENSES</b>	<b>\$2,532.70</b>	<b>\$2,254.90</b>	<b>12.3%</b>
<b>NET GAIN (LOSS)</b>	<b>\$42.49</b>	<b>\$154.39</b>	

Jane Briller - KC6TAM

Ken Konechy - W6HHC

ASSETS:	AS OF 31-DEC-96	AS OF 31-DEC-95
CASH BOX	\$0.00	\$0.00
CHECKING ACCOUNT	\$1,000.88	\$468.73
OUTSTANDING CHECKS	(\$489.66)	\$0.00
SAVINGS ACCOUNT	\$0.00	\$0.00
<b>TOTAL ASSETS</b>	<b>\$511.22</b>	<b>\$468.73</b>

### BOARD MEETING MINUTES 1/4/97

Meeting was called to order at 8:50 a.m. by President, Frank Smith, WA6VKZ. Members absent: Bob Tegel, KD6XO.

#### Old Business:

Audit Committee: will meet today after the breakfast. December bank statement is not available yet per Bob Buss, KD6BWH, but only 2 checks were written and one deposit made.

#### New Business:

AF6C advised the board that the tarp is off the trailer and needs to be tied down. Frank, WA6VKZ, stated he will get the rope. The trailer committee agreed to get together on 11/11/97 at 10:00 a.m. at Bob Chase's place to fix the tarp. Larry Beilin, K6VDP, had cardboard flyers made up with club information and tear off sheets that give names and phone numbers of member to contact if people are interested in O.C.A.R.C. The following club members are responsible for distribution:

- Phil Anderson, N7PA - Radio Shack, Tustin, CA
- Tom Thomas, WA6PFA - Radio Shack, Orange, CA
- Jane Breller, KC6TAM - Marvac Electronics, Costa Mesa, CA
- Frank Smith, WA6VKZ - Action Electronics, Santa Ana, CA
- Art Sheldon, AD6B - Ham Radio Outlet, Anaheim, CA
- Ken Konechy, W6HHC - Radio Shack, Irvine, CA
- Larry Beilin, K6VDP - Electronic Times, Fountain Valley, CA

Dues: Reminder dues are due!! New rate is \$ 15.00 per year for regular member, family members living in same house will be \$ 7.50.

**Programs:** JANUARY - TASMA - speaker will be Larry Bryan

FEBRUARY - ANTENNA ANALYSIS - speaker will be Frank Smith, WA6VK

MARCH - ULTIMATE CONTEST - speaker will be Wayne Overbeck, N6NP

APRIL - open

May - open (but Frank, WA6VKZ suggested a "Show & Tell"- member can bring in projects they have done or are doing and talk about them)

June - FIELD DAY - PAST AND PRESENT - speaker will be Ken Konechy, W6HHC

**Treasurer's report:** KD6BWH reported that as of 12/31/96, the club had \$ 511.22 in the checking account. This is after all bills for 1996 have been paid. He also stated that he will continue to check the post office box. New Zip Code For the box is now 92781. Box is paid for through 6/97.

**Secretary:** KC6TAM reported a request for information update from the ARRL. That will be taken care of before the next meeting. Also she will have the letter for MCAS Tustin ready for signature by January meeting.

#### **ANNOUNCEMENTS / Good of the Club**

AF6C- reminded Board members of OCCARO meetings. They are held on the 3rd Tuesday of odd months in Anaheim at the bank in the shopping center on the corner of Lincoln and State College. The meeting for January will be on 1/21/97 at 7:30 p.m. WA6VKZ - reminded all board and regular members to list their E-Mail Addresses on the new membership form when they renew their dues. W6HHC commented that his was not listed. He was advised that issue is responsibility of the Membership Chairman. N7PA suggested that "RF" could be E-mailed. It was decided by the Board that it was not feasible at this time.

W6VPP - stated he has come across a program called Juno which offers free on-line services. AD6B stated that he has been using this also.

KE6WON- reminded board and club members that the ARRL Southwestern Convention will be held in Riverside 9/12/97 - 9/14/97. He suggested that O.C.A.R.C. have a "Hospitality Suite" during the convention.

WA6VKZ suggested that the Publicity and Activities Chairmen talk to the hotel and research what the cost will be and what it covers and report back to the Board. AF6C - stated that O.C.A.R.C. is still listed on WEB site, but the information needs to be updated. He will continue to try and contact John Meacham, KJ6TK, to see if he will update.

Meeting was adjourned at 9:30 a.m.

Respectfully submitted,  
Jane Breller, KC6TAM  
Secretary

## **Board Meeting Minutes of 1 March**

**Called to order by President Frank, WA6VKZ at 0823.**

**Roll call of officer's, there was a quorum.**

**Frank, WA6VKZ, announced that Jane, WA6TAM, resigned as secretary of the club.**

**There were no minutes to be read.**

**Frank, WA6VKZ, passed out copies of ARRL Bulletin #8 on Little Leos and gave an explanation of the bulletin and encouraged all to E-Mail their support of the ARRL/AMSTAT opposition to the NVNG MSS flexible allocation proposal before 4 March, 1997.**

**Audit Committee Report - Accepted at the last club meeting.**

**Proposed OCARC 1997 Budget. The proposed budget was submitted by Ken, W6HHC. Copies were handed out and Ken went over each item. RF.. printing-advertising was discussed as a way to offset the printing cost. To help in this area Frank, WA6VKZ, will print the RF. in March, Art,AD6B, will print in April, Tom,WA6PFA, will print it in May and Larry,K6LDC, will print in June. Field Day Expenses - Sponsorship was mentioned as a way to offset field day expenses. Insurance and the Auction were then gone over. The Raffle - Advertising was discussed in this area. Art, KE6WOX, was authorized \$50 a month to buy raffle prizes.**

**Discussion on members donating new or good used items for the raffle was then heard.**

**Refreshments was then gone over. ARRL memberships were discussed and Ken, W6HHC our treasurer, will make a push for all to renew their memberships through the club, so benefitting the club.**

**PO box rental was discussed. Larry,K6VDP, suggested that the mail for the club be sent to the trustees address, as it is in the Call Book, and to eliminate the PO Box.**

**Plaques and activities were discussed. Many felt that more activities would raise the Club's membership.**

**Standing Rules Committee. A preliminary list was given to Frank, WA6VKZ, and a more detailed list will given later.**

**Frank, WA6VKZ, stated that on Saturday he attended a meeting where Will Henderson spoke. Mr Henderson stated that the propagation will be outstanding for the next cycle.**

**Meeting adjourned at 0920.**

**Respectively submitted by Art, AD6B**

NETNEWS  
by WB6IXN

2/5 15m phone net - W6ZE/AF6C checks in the greatest number of OPs yet! VKZ, RND, WOX, IXN, RE, HHC, NGO, FMX, and AD6B all join the go-around. El Presidente VKZ is getting over the flu, and as Frank clears his throat, his dog says 'Hi' to the Net! RND concentrates on getting that all mode 2m rig so he can work the ham satellites. And AF6C, also over the flu, asks IXN if he felt the Diamond Bar event last week. IXN loses WOX in the QRN, but does hear Art tell abt a new 40m contact in Rosemead wid whom he 'shoots the breeze'. IXN, AF6C and OPs all discuss Colpitts & Hartley oscillator, full wave rectifier, etc., diagrams that they used to have to draw fer the old FCC license exams. RE, 'keeping body & soul together', bends the back to remove the army of weeds advancing on the QTH! Alex also informs OPs abt upcoming restructuring of ham license privileges, etc., proposed by the ARRL. HCC holds 'treadmill landline interviews' (?) and arrives later in the Net. Ken was up in 'Frisco' last weekend, and now he is updating the harmonic's computer. FMX reminds OPs that Club dues are due. And Paul gets his exercising & weeding done while the WX is good. And FMX tells OPs that Orange County landlines will be split into two Area Codes. NGO 'flies in & flies out'. And AD6B congrats IXN on recent pix & article in Feb. 1 issue of The Register, dealing wid volunteer service to St. Anne School in Santa Ana.

2/5 2m phone net - W6ZE/IXN checks in AD6B, VFC, RND, RE, ESD, VDP, QW, and BWH. AD6B still has a problem wid the HF rig on 15m. And Art tells OPs abt the program ,fer next Club meeting, on antenna analysis. AD6B says France will end CW on ship-to-shore communications by 1999! VFC says 6m has been dead, but 10m has been open into S. America. RND says that PFA was over to the QTH and used EPS to give John his latitude and longitude. IXN asks RND if he worked old Club member Shelley Trotter in Firebaugh, CA., lately on 40m CW. John says BAM is still on the air. In license structuring, RE says the League wud eliminate Novice Class, create an Intermediate Class to replace Tech Plus, decrease wpm CW in the General Class frm 13 to 10 wpm, and give increased privileges in most license classes...Read more in March QST! ESD, still recuperating frm recent surgery, says Docs gave him something that 'opened his nose' frm the recent colds & allergies!...Now Bob has to discover 'the secret'! VDP, now once more wid 'wheels', helps OP Frank wid his 430. Larry will attack the intermittent in his 430 as he and VFC contemplate a trip to the Dayton Hamvention! QW loses adrs and landline numbers IXN gave him to check on 'Holy Smoke'! IXN will call QW wid new info. later. Meantime, Rolf will work on the 5/8 over 5/8 wave vertical ant., getting it ready fer Spokane. BWH airs Newslines after Net. And Bob tells OPs abt the upcoming 'Baker to Las Vegas Relay' to be held Apr. 12 & 13! 8 OPs are needed! If you can help, call BWH or eyeball wid him at Meeting. Many Club OPs say this is a FUN event!!

2/12 15m phone net - W6ZE/AF6C checks in VKZ, RND, WOX, IXN, and RE. VKZ says Feb. QST goof in multiplication is probably OK if one uses the New Math! RND has WOX describe the location of his QTH in Orange.



And John tells OPs abt two contests: the Quarter Century Wireless Assoc., and, the North American Sprint Contest wid high speed computers. IXN gets a landline frm W6NT, telling him abt a math error in the Feb. issue of QST. VKZ can't get the GPS and TNC to cooperate wid each other. And AF6C asks IXN abt comet Hale-Bopp. And IXN also discusses the 4.5 mag. EQ at Mammoth Lakes wid Bob. WOX uses a new ant. tonite wid a weaker sig. at IXN's QTH. RE's weeds & oxalis are doing quite well in the yard! And Alex says that Fried & Sandy Heyn may have felt the 4.5 mag. EQ while vacationing at Mammoth Lakes!

2/12 2m phone net - W6ZE/IXN checks in ESD, AB6ZFM/m (Jim), RND, NG7D, VDP, BWH, QW, OPI, RE, TWA, FZE, WOX, VFC, LDC, and PKB. Great check-in, OPs! BWH, wid QRM on his end, airs an interesting Newsline. ESD, still recovering, works a friend on 20m today in Washington. AB6ZF/m just finished a VEC session at the Red Cross in Santa Ana, and works us on his way home. RND tnx BWH fer Newsline, and John tells OPs abt his adventures dismantling and re-assembling his ant. rotor! NG7D is writing a journal, and he and RND discuss the RS-12 satellite passes. VDP picks up a TenTec 6m Transverter, at the Fontana Swapmeet, which works just great! Now Larry is working on the intermittent in the 430. IXN tells QW he has addresses & phone numbers on 'Holy Smoke' that he will transfer to Rolf by landline after Net. And QW says he and VDP will be off to the DeVry Swapmeet Sat. OPI, bk frm the '3 Rivers Red Cross' in Sacramento warms the bones after a vy chilly experience. Cindy was at Mather Airbase, & met many Sacramento OPs. RE gives a MIR uplink of 145.200, and a downlink of 145.800 to OPs. And Alex says sunspots are on the rise!! IXN tells TWA to call the EMA and report the gnd squirrel holes near the Santa Ana River Levee. FZE is working on his Public Speaking Merit Badge as he advances toward Eagle Scout. And WOX reports a 10m opening last Sat. to the midwest & east coast, and to Argentina on Sun. VFC also verifies WOX's 10m openings, and Dennis picks up a Clegg-Zeus Interceptor for 6m operation. And, Dennis picks up a new Motor Home this weekend fer upcoming vacations bk East, etc. LDC checks in mobile on his way home after class. And IXN tells George, KC7PKB, that W6NT will soon mail a list of NARSmen to IXN to compare wid our former list.

2/19 15m phone net - W6ZE/AF6C checks in VKZ, AD6B, RND, IXN, NGO, WOX, TWA, & RE. VKZ, hearing all OPs well tonite, prepares fer his talk on analyzing antennas Fri. eve. at Club meeting. AD6B checks out real estate at Las Vegas over the Valentine day weekend, and UPS delivers RND his much-desired 2m all mode rig. IXN has nothing to report seismically, and NGO, wid the new disc ready to go, looks toward the Spring plowing. WOX questions RND abt the new 2m rig, and TWA doesn't copy too well in the QRN. RE alerts OPs to E-mail FCC by March in order to prevent the LEO people frm grabbing RF freqs. between 146-148, 219-225, and 430-450 MHz!

2/19 2m phone net - W6ZE/IXN checks in WOX, RE, RND, VDP, TWA, QW, BWH, VFC, AD6B, & LDC. WOX enjoys lunching wid VDP & VFC at the DeVry Swapmeet, and Art leaves Net early to pick up the harmonic. RE gives E-mail adrs fer OPs to contact FCC concerning the LEO frequency-grab attempt. RND gets a just-like-new EICOM 271-A all mode 2m rig for use in contacting the RS-10, 12, & 15 satellites. IXN announces VKZ's

antenna analysis program fer Club meeting Fri. eve. BWH airs a news-packed Newsline which all OPs copy easily! VDP says the National Forest Service has backed off on rental increases on repeater sites! And TWA gets a visit frm the Environmental Management Agency as they investigate the mysterious holes near his property. And Charles comments on BWH's gud Newsline sigs. QW hopes to be on his way to Spokane during the summer. IXN will deliver Rolf's health products catalogue to him at Meeting. VFC gives neighbors a tour thru his new motor home. Dennis will try it out on a 2-day trip over the weekend. Dennis tells IXN..no 6m yet! AD6B tells RE that he has pulled ARRL Bul. #B008 concerning the LEO people. Art will bring copies of the bulletin to Meeting. LDC takes a video tape to class, but no VCR left as ordered, so Larry joins us to tell us that he picked up a 6m YAESU transceiver at the swapmeet.

2/26 15m phone net - W6ZE/AF6C checks in NGO, HHC, AD6B, RND, IXN, FMX, & RE. AF6C comes on the air wid distortion. After Bob replaces the driver transistor in the rig, the audio distortion disappears! NGO gives ZE a S5 report, and a S9 report after repairs. AF6C has HHC assume temp. NC while Bob makes the repairs. Ken reminds all OPs that the Club Bfast is Sat. AD6B's rig becomes a nudist as Art bares all to get at an intermittent problem quickly. And RND, catching the RS-15 satellite tonite, continues to work on ant. switches, making sure all antennas are properly grounded! IXN & ZE talk abt increased seismicity in CA. And AF6C tells OPs abt recent seismic activity at Mammoth Lakes. FMX, wid a disconnected ant, hears the Net in the DX mode. Once remedied, Art 'flies away' to an 8:00 pm appointment. RE gets the XYL out of the hospital after a bout wid stomach flu. And Alex treats her to a steak dinner!

2/26 2m phone net - W6ZE/IXN checks in VFC, AD6B, RND, RE, QW, BWH, NAH, VDP, & LDC. BWH, wid a 2-week vacation gap beginning over the weekend, will begin working at a new job in Costa Mesa. Bob airs an interesting Newsline, and, next week, Steve, NAH, will handle airing Newsline fer Bob. NAH has a new ant. on the roof, and IXN questions Steve abt his recent fishing trip. VFC and OPs think 'Little LEO' folks shud go shopping fer RFs away frm the ham bands. And Dennis busies himself taking care of the grand-harmonic. IXN can't read his scribbling on AD6B's xmissions (something in 1 week, & something else in 2 weeks?!). RND tnx BWH fer Newsline, and reminds OPs of the Club Bfast Sat., although John will be wid the Tax Man instead! RE has a 12 to 15 ft. piece of 1 1/2" galvanized pipe at the QTH, YOURS FOR THE TAKING!! QW has a 63rd BD today, and discovers that he has to get a birth certificate frm relations in Germany in order to apply fer Social Security. VDP pulls an 'AD6B' by taking the 430 apart to fix an intermittent. Now the current meter function does not work properly. Larry still works on the 5/8 over 5/8 wave, and another ant. fer 6m. And Larry will be at the Club Bfast Sat. LDC checks in mobile on the freeway after class, near Net's end. Larry & the crew 'shoot the breeze' on the 'Net-after-net'.





**The Following OCARC members who have Online(E-Mail) addresses:**

Phil Andersen	N7PA	blkhawkadv@aol.com
Howard Atwell	KA6CZI	howard-atwell@fullcoll.edu
Bud Barkhurst	WA6VPP	obarkhurst@aol.com
		BWA6VPP@Juno.com(Free E-Mail)
Bob Buss	KD6BWH	kd6bwh@aol.com
Bob Eckweiler	AF6C	r.eckweiler@genie.com
		c005291@mdcpo04.1b.mdc.com
Lloyd Harwood	WB6ULU	lloyd@exo.com/fhrk40a@prodigy
John Meacham	KT6TK	kt6tk@nctcom.com
Jim Roberts	N6XTJ	jr_n6xtj@compuserve.com
Elmer Thomas	WA6PFA	eelmert@aol.com
Frank Smith	WA6VKZ	104675,3022@compuserve.com
Jack Hollander	N6UC	hollander@net999.com
Ken Konechy	W6HHC	73223.1400@compuserve.com
		kkonechy@rnbo.com
Jane Breller	KC6TAM	kc6tam@aol.com
Chris Breller	KJ6ZH	kj6zh@aol.com
Club Web Page	W6ZE	http://www.geocities.com/athens/2473/
Larry Hoffman	K6LDC	K6LDC@earthlink.net

**These addresses will be updated quarterly.**

**SOLVING INTERFERENCE PROBLEMS**

**RFI PROBLEMS:** Whether you are having problems with interference from or to electrical/electronic devices, the Technical Coordinator in your section or one of his assistants (Technical Specialists) may be able to help. Remember, if you are dealing with a neighbor, tact and understanding will go a long way in getting cooperation. In addition, you may find it helpful to purchase the ARRL book, Radio Frequency Interference: How To Find It And Fix It. Also, a free pamphlet for the consumer is available from HQ, "What to do if you have an electronic interference problem."

**REPEATER-TO-REPEATER QRM:** These kinds of problems are best worked out between the repeater groups involved. While it is not illegal to have an uncoordinated repeater, the FCC rules give its trustees the primary responsibility for resolving any interference to coordinated repeaters. Each local area has long-established coordination bodies that volunteer their time and effort. In Arizona, the ARCA Frequency Committee is headed by W7HSG. In Southern California, there are three groups: the Two-Meter Area Spectrum Management Association (TASMA) headed by AB6FC, the 220MHz Spectrum Management Association (220SMA) headed by K6IYK, and the Southern California Repeater and Remote Base Association (SCRRBA) headed by W6QC. The groups listed above are the only ones recognized in the SW Division by the ARRL.

**INTENTIONAL INTERFERENCE:** The ARRL Official Observers (OO), while mainly concerned with unintentional violations, are part of the Volunteer Monitor Program (VOLMON) which includes Local Interference Committees (LIC). The LICs are an important part of the Amateur Auxiliary to the FCC. Most LICs are formed locally on a case-to-case basis headed by an OO. The Auxiliary located violators using FCC-approved radio direction finding (RDF) procedures and gathers evidence in a manner that facilitates prosecution when required. In addition to the national agreement between the ARRL and the FCC, most of our local sections have formal working agreements with their local FCC offices.

When encountering jamming NEVER REACT to it on the air. With the exception of turning off a repeater, deliberate interference and obscenity should be completely ignored. If the problem is a serious ongoing problem, make a log and report it to your Section Manager (see page 12 of QST). Please DO NOT CONTACT THE FCC yourself. The less we burden the FCC, the more effective action they will give when we have a well documented case to present.

**NON-AMATEUR INTRUSION:** The volunteer group that deals with non-amateur stations that cause harmful interference within our bands is under the ARRL Monitoring System. The appropriate FCC monitoring facilities are notified of the major cases. After analysis, many of the most important cases are submitted to the FCC Treaty Branch.

# Club Nets

<u>Band</u>	<u>Mode</u>	<u>Day</u>	<u>Local Time</u>	<u>Freq. Mhz.</u>	<u>Net Control</u>
15 Meters	SSB	Wednesday	7:30 P.M.	21.375*	AF6C
2 Meters	FM	Wednesday	8:30 P.M.	146.550 Simplex	WB6IXN

(Listen for W6ZE, Net Control)

\* Plus or Minus QRM

## General Meeting

**March 21st**  
**April 18th**  
**May 16th**

General meeting is the third Friday of each month, 7:30 P.M., at the AMERICAN RED CROSS facilities.

601 N. Golden Circle Dr. , Santa Ana, CA

Major cross streets: Fourth Street and Tustin Ave.

Talk-in frequency 146.550 MHZ. simplex.

## Board Breakfast

**April 5th**  
**May 3rd**  
**June 7th**

Board Meeting is the first Saturday of each month at 8:00 A.M.

The Wildflower Restaurant - members and visitors are welcome.

2525 N. Grand Ave., Santa Ana, CA

Exit the 5 freeway at 17th St., go east to Grand Ave. Go north on Grand; or exit the 22 Freeway at Glassell/Grand. Go south to restaurant.



Orange County Amateur Radio Club, Inc

P.O. Box 3454

Tustin, CA 92861



## First Class Mail

To:

**Your Personal**  
**Copy**

**Time Dated Material**  
**PLEASE RUSH**